

REAL TIME DISPLAY OF PLUG AND PLAY DATA

The sensor can be inserted into the soil for a few seconds to display the measurement results, which is simple, convenient, low cost and fast.



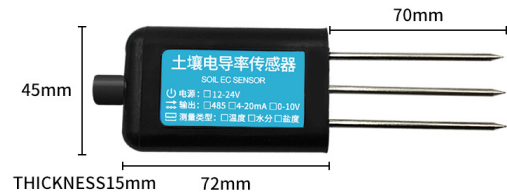
PRODUCT STRUCTURE



HANDHELD TERMINAL



SOIL SENSOR



*The shell size parameters of each type of sensor are consistent with those in the figure above





SUPPORT
CUSTOMIZATION

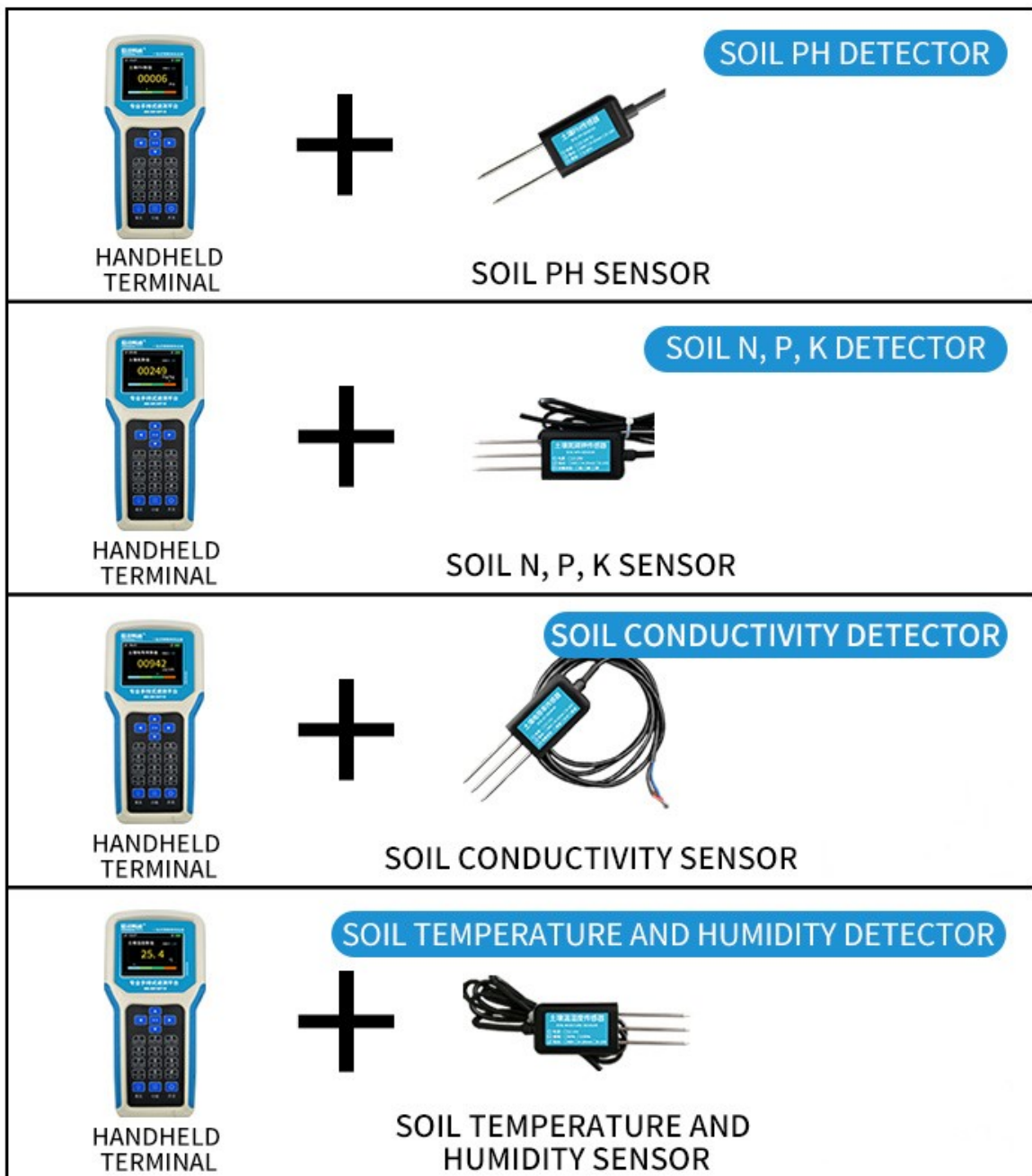


COLOR INTERFACE



DATA STORAGE

PARAMETER CONFIGURATION



PRODUCT PARAMETERS



HANDHELD TERMINAL

ACCESSIBLE DEVICE	1-4↑ModBusEquipment combination
COMMUNICATION MODE	USB(read, see DB9 interface for detailsInformation)
DISPLAY DATA	Equipment raw data
WORKING TEMPERATURE	-20°C—50°C
WORKING HUMIDITY	<90%RHNo condensation
WORKING POWER SUPPLY	12V DC Charge, 2500mAh(standard) lithium battery
DISPLAY MODE	2.8 "LCD
COMMUNICATION PROTOCOL	ModBusSerial communication protocol
DATA STORAGE	4MBStorage space (standard)
CHARGING TIME	≤4H (Standard)
SIZE	125*65*45mm
WEIGHT	500g

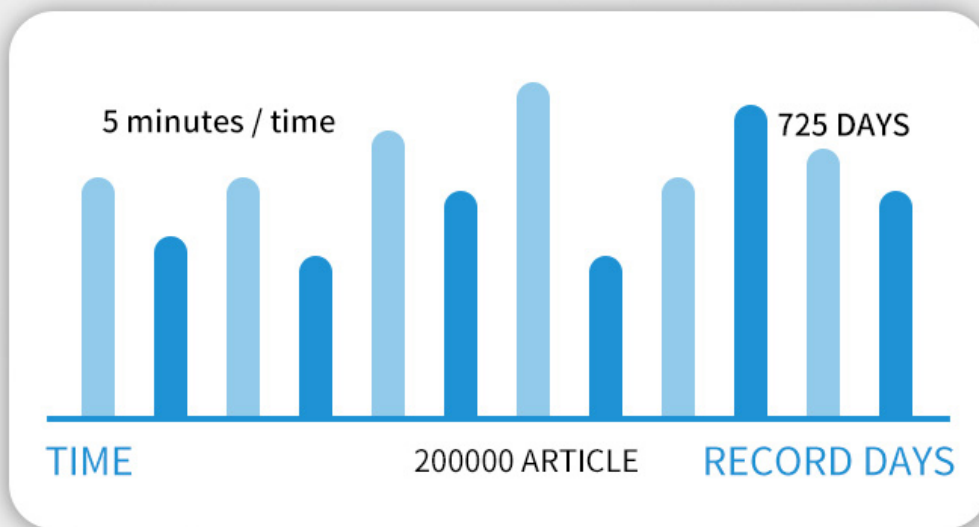
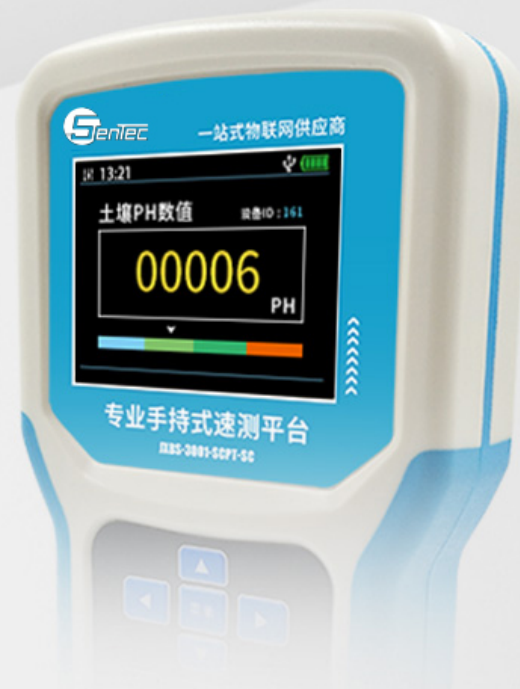
INTERFACE DEFINITION



PARAMETER	Technical index
1	USBDM
2	USBDP
3	ADC
4	IIC_SDA
5	IIC_SDL
6	GND
7	12VDC
8	485B
9	485A

LARGE SIZE DISPLAY AND LARGE CAPACITY STORAGE

We can store **200000 pieces of data**. We can adjust the setting time interval to record the data. The setting range is **[5 seconds to 24 hours]**. We can view the corresponding data according to the date and time



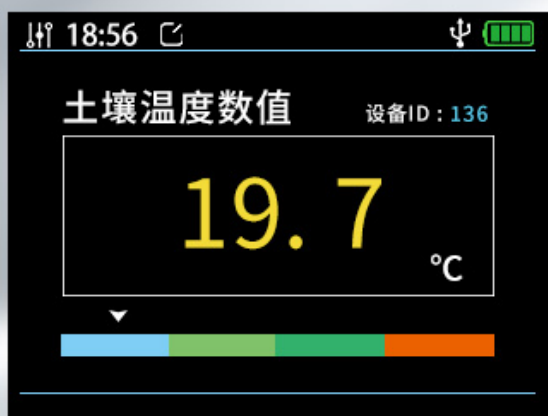
MULTIPLE RECORDING OPTIONS

1. Single point recording: press to record the current sensor data, which can assist scientific researchers to record in the desired way and set how long to collect data.



SINGLE POINT RECORD INTERFACE

- 2./3. Start recording / stop recording: start the measurement within a period of time after pressing the start recording key; stop recording the sensor data and save it to the memory after pressing the stop recording key.



START RECORDING INTERFACE



STOP RECORDING INTERFACE

4. Press to switch units (such as mg / kg < = > mg / L)



UNIT SWITCHING INTERFACE

AUTOMATIC ALARM BACKLIGHT POWER SAVING

When the detected value exceeds the alarm value set by the user, the device will give an alarm and remind you in time. Press the alarm button to cancel the alarm; when the user does not use the device, press the backlight button to save the power of the device.



ONE-CLICK DATA EXPORT IS CONVENIENT AND FAST

The data can be stored in the computer through the D-type data interface connector (DB9) connected with USB to generate a report.

